

California OES Weather Threat Briefing

November 12, 2018
9:00 AM PST

- **Day 1 Primary Hazards:** A strong Santa Ana wind event will create very critical fire weather conditions across the Southern Region of California.

National Weather Service
*Western Region Headquarters
Regional Operations Center
Salt Lake City, UT*



Key Points

11/12/18 - 11/18/18

Monday - Wednesday

- A strong Santa Ana wind event will continue across much of the Southern Region. Combined with the very dry conditions, this will lead to very critical fire weather across the area. Winds on Wednesday will be weaker than the Monday-Tuesday peak, but critical conditions will persist.
- Winds in the Coastal and Inland Regions will continue to decrease through Monday, but elevated fire weather conditions will persist through the week with very dry relative humidity.

Thursday - Sunday

- The Santa Ana winds should largely subside by Thursday, but elevated fire weather conditions will persist through the rest of the week. No precipitation is currently expected through Sunday.

All Days

- Widespread poor air quality due to smoke likely to continue.



California Weather Impacts

11/12/18 - 11/18/18

<u>Hazards / Day</u>	MON	TUE	WED	THU	FRI	SAT	SUN
Non-Thunderstorm Damaging Winds	Southern	Southern	Southern				
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	Southern	Southern	Southern	All Regions	All Regions	All Regions	All Regions
Heat Risk							
Heavy Rain / Flash Flooding / Debris Flow							
Extreme Cold							



No Impacts



Minimal Impacts



Moderate Impacts



Severe Impacts

Inland and Coastal Regions Summary

- Winds have generally decreased this morning, though local areas of breezy winds will linger.
- Except for isolated pockets, winds today will generally drop below critical levels and remain that way through the week.
- However, conditions will remain very dry with above normal temperatures, so elevated fire weather conditions will persist through the week.
- Widespread poor air quality due to smoke will likely continue through the week.



Southern Region Summary

- Strong Santa Ana winds will peak today and Tuesday.
- **Wind speeds**
 - Sustained winds 20-35 mph with gusts 45-55 mph are generally expected
 - Higher gusts up to 60-70 mph possible in the mountains and other prone locations
- **Relative Humidity**
 - Extremely dry: 2-10 percent, with poor overnight recoveries
- Critical fire weather conditions will persist into Wednesday, though sustained speeds and gusts will likely be about 10 mph weaker than the numbers listed above.
- After winds decrease late Wednesday, elevated fire weather conditions will linger through the week.



Santa Ana Wildfire Threat Index

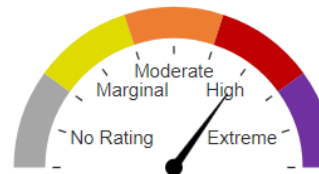
Strong Santa Ana event across southern California continuing.

<https://fsapps.nwcg.gov/psp/sawti>

NO RATING	Winds are either not expected, will not contribute to significant fire activity.
MARGINAL	Upon ignition, fires may grow rapidly.
MODERATE	Upon ignition, fires will grow rapidly and will be difficult to control.
HIGH	Upon ignition, fires will grow very rapidly, will burn intensely, and will be very difficult to control.
EXTREME	Upon ignition, fires will have extreme growth, will burn very intensely, and will be uncontrollable.

Zone 3: San Diego

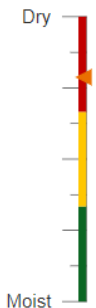
Threat Level



Wind Strength

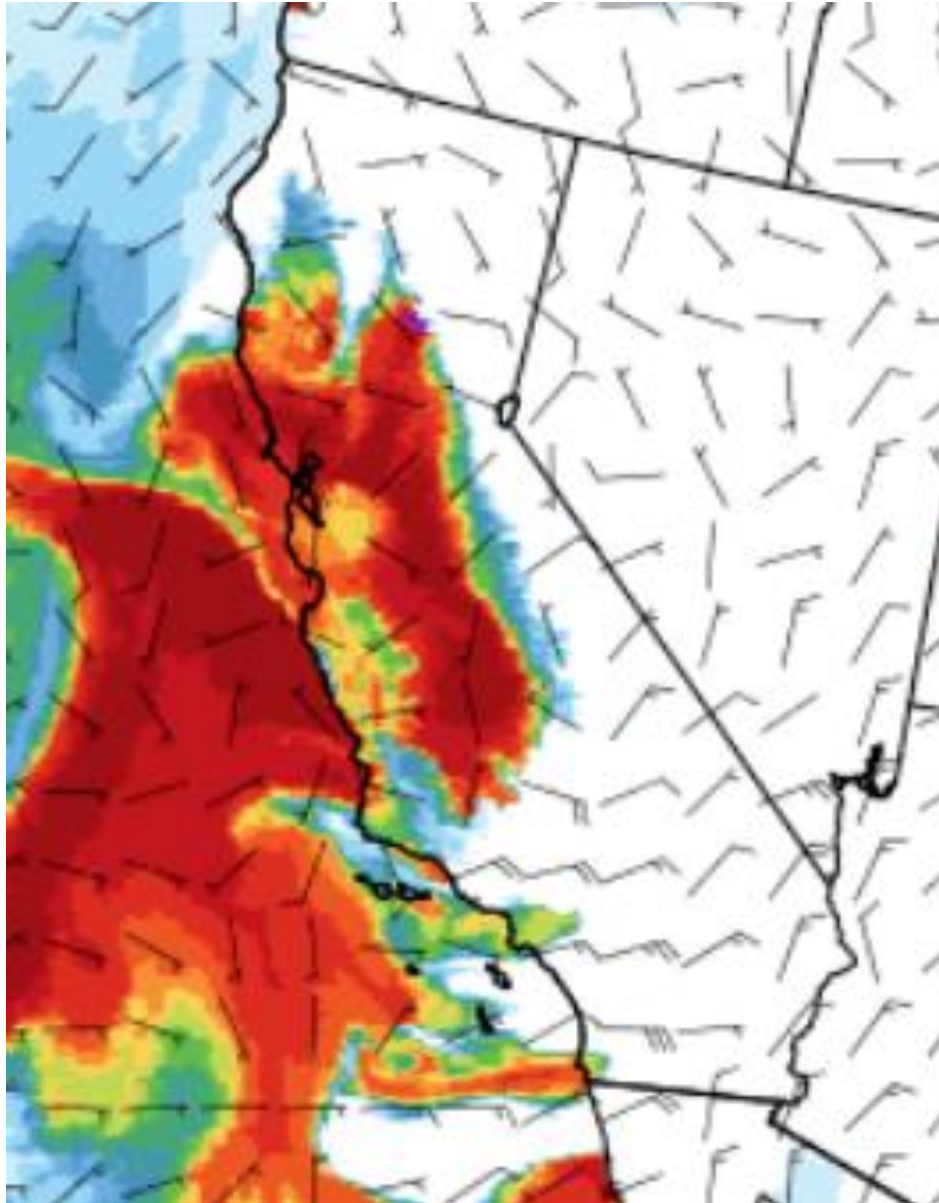


Fuel Moisture



Zones	Mon/Nov 12	Tue/Nov 13	Wed/Nov 14
Zone 1: LA-Ventura	MODERATE	MODERATE	MARGINAL
Zone 2: Orange-Inland Empire	MODERATE	MODERATE	MARGINAL
Zone 3: San Diego	HIGH	HIGH	MODERATE

Experimental Near Surface Smoke Forecast, Valid Monday Afternoon



6-10 Day Outlook

Temperatures

- Above normal temperatures likely for the entire state

Precipitation

- Below normal precipitation is favored for most of the state

8-14 Day Outlook

Temperatures

- Above normal temperatures favored across the state

Precipitation

- Equal chances of above or below normal precipitation



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